

## SEQUENCE LISTING

<110> Toll, Lawrence R.  
 Lincoln, Patrick Denis  
 Karp, Peter  
 Sonmez, Kemal

<120> BIOPOLYMER SEQUENCE COMPARISON

<130> 10454-017001

<150> 60/250,743

<151> 2000-12-01

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 187

<212> PRT

<213> Mus musculus

<400> 1

Met	Lys	Ile	Leu	Phe	Cys	Asp	Val	Leu	Leu	Leu	Ser	Leu	Leu	Ser	Ser	1	5	10	15
Val	Phe	Ser	Ser	Cys	Pro	Arg	Asp	Cys	Leu	Thr	Cys	Gln	Glu	Lys	Leu	20	25	30	
His	Pro	Ala	Pro	Asp	Ser	Phe	Asn	Leu	Lys	Thr	Cys	Ile	Leu	Gln	Cys	35	40	45	
Glu	Glu	Lys	Val	Phe	Pro	Arg	Pro	Leu	Trp	Thr	Val	Cys	Thr	Lys	Val	50	55	60	
Met	Ala	Ser	Gly	Ser	Gly	Gln	Leu	Ser	Pro	Ala	Asp	Pro	Glu	Leu	Val	65	70	75	80
Ser	Ala	Ala	Leu	Tyr	Gln	Pro	Lys	Ala	Ser	Glu	Met	Gln	His	Leu	Lys	85	90	95	
Arg	Met	Pro	Arg	Val	Arg	Ser	Leu	Val	Gln	Val	Arg	Asp	Ala	Glu	Pro	100	105	110	
Gly	Ala	Asp	Ala	Glu	Pro	Gly	Ala	Asp	Ala	Glu	Pro	Gly	Ala	Asp	Asp	115	120	125	
Ala	Glu	Glu	Val	Glu	Gln	Lys	Gln	Leu	Gln	Lys	Arg	Phe	Gly	Gly	Phe	130	135	140	
Thr	Gly	Ala	Arg	Lys	Ser	Ala	Arg	Lys	Leu	Ala	Asn	Gln	Lys	Arg	Phe	145	150	155	160
Ser	Glu	Phe	Met	Arg	Gln	Tyr	Leu	Val	Leu	Ser	Met	Gln	Ser	Ser	Gln	165	170	175	
Arg	Arg	Arg	Thr	Leu	His	Gln	Asn	Gly	Asn	Val						180	185		

<210> 2

<211> 176

<212> PRT

<213> Homo sapiens

<400> 2

Met	Lys	Val	Leu	Leu	Cys	Asp	Leu	Leu	Leu	Leu	Ser	Leu	Phe	Ser	Ser				
1				5					10					15					
Val	Phe	Ser	Ser	Cys	Gln	Arg	Asp	Cys	Leu	Thr	Cys	Gln	Glu	Lys	Leu				
		20						25					30						
His	Pro	Ala	Leu	Asp	Ser	Phe	Asp	Leu	Glu	Val	Cys	Ile	Leu	Glu	Cys				
		35					40					45							
Glu	Glu	Lys	Val	Phe	Pro	Ser	Pro	Leu	Trp	Thr	Pro	Cys	Thr	Lys	Val				
	50					55					60								
Met	Ala	Arg	Ser	Ser	Trp	Gln	Leu	Ser	Pro	Ala	Ala	Pro	Glu	His	Val				
65					70					75				80					
Ala	Ala	Ala	Leu	Tyr	Gln	Pro	Arg	Ala	Ser	Glu	Met	Gln	His	Leu	Arg				
			85						90				95						
Arg	Met	Pro	Arg	Val	Arg	Ser	Leu	Phe	Gln	Glu	Gln	Glu	Glu	Pro	Glu				
		100						105					110						
Pro	Gly	Met	Glu	Glu	Ala	Gly	Glu	Met	Glu	Gln	Lys	Gln	Leu	Gln	Lys				
	115					120						125							
Arg	Phe	Gly	Gly	Phe	Thr	Gly	Ala	Arg	Lys	Ser	Ala	Arg	Lys	Leu	Ala				
	130					135					140								
Asn	Gln	Lys	Arg	Phe	Ser	Glu	Phe	Met	Arg	Gln	Tyr	Leu	Val	Leu	Ser				
145					150					155				160					
Met	Gln	Ser	Ser	Gln	Arg	Arg	Arg	Thr	Leu	His	Gln	Asn	Gly	Asn	Val				
				165				170						175					